

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2005/001539

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 D06F 58/02**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 D06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR : IPC as above

JP (utility models) : IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 0349444 Y1 (LG ELECTRONICS INC.) 10 MAY 2004 See the whole document	1-14
A	US 5042170 A (WHIRLPOOL CORPORATION) 27 AUGUST 1991 See the whole document	1-14
A	JP 2-24000 A (MATSUSHITA ELECTRIC IND. CO., LTD.) 26 JANUARY 1990 See the whole document	1-14
A	JP 2-63500 A (TOSHIBA CORPORATION) 02 MARCH 1990 See the whole document	1-14
A	US 5127169 A (MAYTAG CORPORATION) 07 JULY 1992 See the whole document	1-14
A	US 2003/0167804 A1 (YOON, JU HAN) 11 SEPTEMBER 2003 See the whole document	1-14
A	KR 2003-41385 A (EZENTECH CO., LTD.) 27 MAY 2003 See the whole document	1-14

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

26 AUGUST 2005 (26.08.2005)

Date of mailing of the international search report

**29 AUGUST 2005 (29.08.2005)**

Name and mailing address of the ISA/KR



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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.

PCT/KR2005/001539

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 0349444 Y1	10-05-2004	NONE	
US 5042170 A	27-08-1991	NONE	
JP 2-24000 A	26-01-1990	NONE	
JP 2-63500 A	02-03-1990	NONE	
US 5127169 A	07-07-1992	CA 2042081 C	10-12-1996
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KR 2003-41385 A	27-05-2003	NONE	